

TOP SECRET

PRIORITY

P 302100Z
FM NPIC
TO CNO

multi

1964 JUN 30 22 05Z OUT 53677
1 JUL 1964

~~HPS~~ 25X1

~~CPS~~

~~CPC~~

~~EPS~~

~~ACL~~

AFSSO USAFE
AFSSO PACAF
YWQLAZC/AFSSO SAC
YWQLAZC/AFSSO ACIC
YWQLAZC/AFSSO FTD
OPCEN
ZEM

TOP SECRET

25X1
Grace (File)

CONTROL SYSTEM. RELEASABLE FROM SSO CHANNELS. SSOS PASS TO
APPROPRIATE TCOS. CITE NPIC 2515.

SUBJECT: CAMERA INFORMATION FOR MISSION 1007-2.

1. THE FOLLOWING DATA FOR THE MASTER AND SLAVE UNITS WAS
REPORTED IN NPIC 2500, PARA A, B, C, D, E, F, G, H.

2. STELLAR/INDEX DATA

A. UNIT D 54/56/51

B. FOCAL LENGTH (MM)

(1) STELLAR 83.928

(2) INDEX 38.394

C. CAMERA FILTER AND EXPOSURE DATA - IDENTICAL TO S/I DATA
REPORTED IN PARA E, NPIC 2500.

D. RESOLUTION CAPABILITIES

INDEX (L/MM AWAR) 71

Declassification Review by
NGA/DoD

25X1

TOP SECRET

GROUP 1
Excluded from automatic
downgrading and
declassification

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E. CALIBRATED ANGLE BETWEEN STELLAR AND INDEX CAMERAS
89 DEGREES 58.5 MIN.

3. IMAGE MOTION COMPENSATION DATA

A. CYCLE RATE (CPS) AND GROUND ANGULAR VELOCITY
(GAV IN RAD/SEC)

REF. LEVEL			AMPL. LEVEL		
NO.	CPS	GAV	NO.	CPS	GAV
11	0.2641	0.0239	2	0.1815	0.1064

B. PASSES: REF. 11, AMPL. 2 : 65D1 THRU AND INCLUDING 120D1.

4. PROGRAM TIME DATA

PASS	CAMERA ON TIME				PROGRAM ON TIME	PROGRAM
	(ZEBRA TIME)				(UP RAMP)	DURATION
	DAY	HOUR	MIN	SEC	(SEC)	(SEC)
65D1	24	01	57	24	2770	38
68D1	24	06	22	04	2312	113
69D1	24	07	52	59	2316	98
69D2	24	07	56	54	2550	113
70D1	24	09	24	24	2348	83
70D2	24	09	27	19	2524	185
71AE	24	10	33	40	1054	45
71D1	24	10	53	20	2234	83
71D2	24	10	55	34	2367	97
72D1	24	12	24	04	2227	288
73D1	24	13	56	26	2316	113
82D1	25	03	33	19	2274	98
83D1	25	05	06	26	2411	82

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85D1	25	08	06	34	2315	83
85D2	25	08	09	59	2520	112
86D1	25	09	37	26	2318	362
87AE	25	10	48	12	1115	45
87D1	25	11	07	50	2292	115
88D1	25	12	39	58	2319	128
98D1	26	03	47	33	2332	157
99D1	26	05	20	24	2453	186
100D1 SEE NOTE 1.						
101D1 SEE NOTE 1.						
101D2 SEE NOTE 1.						
102D1	26	09	45	40	2024	700
103AE	26	11	02	21	1176	45
103D1	26	11	19	13	2188	512
104D1	26	12	53	18	2333	186
115D1	27	05	27	57	2135	133
115D2	27	05	32	29	2407	319
116D1	27	07	04	37	2490	83
116D2	27	07	07	18	2650	406
117D1	27	08	34	29	2431	98
117D2	27	08	36	43	2564	361
118D1	27	09	59	27	2082	730
119AE	27	11	16	08	1236	45
119D1	27	11	32	41	2229	543
120D1	27	13	07	44	2485	261

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NOTE 1. ALL DATA IS THE SAME FOR BOTH THE MASTER AND SLAVE
UNITS EXCEPT FOR PASSES 100D1, 101D1, AND 101D2. ON
PASS 100D1, ONLY THE AFT UNIT OPERATED IN A MONO MODE.
ON PASSES 101D1 AND 101D2, ONLY THE FORWARD UNIT OPERATED
IN A MONO MODE.

100D1	26	06	51	02	2443	507
101D1	26	08	20	41	2374	83
101D2	26	08	22	53	2506	362

5. TIME CORRELATION (MILLISECONDS)

PASS	SYSTEM TIME	CLOCK TIME	DIFFERENCE
71	37979.040	174776.894	MINUS .021
79	83266.725	220064.556	MINUS .023
87	38852.815	262050.619	MINUS .027
94	78570.572	301768.355	MINUS .021
103	39701.619	349299.384	MINUS .018
110	79506.735	389104.469	MINUS .031
119	40427.520	436425.246	MINUS .008

SCP-1

T O P S E C R E T

-END OF MESSAGE-

(ALSO PASSED)

25X1